

# Contents

NUMBER 1, JULY, 1939

Virus Infection of the Chick Embryo. ERNEST W. GOODPASTURE . . . .	1
Visualization of the Heart and the Thoracic Blood Vessels in Pulmonary Heart Disease: A Case Study. GEORGE P. ROBB and ISRAEL STEINBERG . . . . .	12
Untoward Effects from the Use of Ergot and Ergotamine Tartrate. MANDRED W. COMFORT and CLARENCE W. ERICKSON . . . . .	46
Vitamin A Content of the Human Liver in Tuberculosis. PAUL D. CRIMM and DARWIN M. SHORT . . . . .	61
The Rôle of Symptoms and Signs in Amebiasis. MOSES PAULSON and JUSTIN ANDREWS . . . . .	64
Intersexuality or Pseudo-Hermaphroditism. A. C. IVY, R. R. GREENE and M. W. BURRILL . . . . .	68
Obesity and Hypertension: Clinical and Experimental Observations. J. EDWIN WOOD, JR. and JAMES R. CASH . . . . .	81
The Influence of Iron and Diet on the Blood in Pregnancy. FRANK H. BETHELL, SPRAGUE H. GARDINER and FRANCES MACKINNON . . . .	91
Treatment of the Stokes-Adams Syndrome by Hypertonic Glucose Solution Given Intravenously. LOUIS H. SIGLER . . . . .	101
Sudden and Unexpected Death from Acute Interstitial Myocarditis: A Report of Three Cases. FERDINAND C. HELWIG and ELLIS W. WILHELMY . . . . .	107
The Incidence of Pneumococcus Types and the Reliability of the Neufeld Typing Method. HARRY F. DOWLING and THEODORE J. ABERNETHY . . . . .	115
The Treatment of Heart Failure. GEORGE HERRMANN . . . . .	122
Interpretation of the Electrocardiographic Findings in Calcareous Stenosis of the Aortic Valve. THOMAS J. DRY and FREDERICK A. WILLIUS . . . . .	143
Astomatoid Heart Failure. A Form of Left Ventricular Failure and Its Differentiation from Bronchial Asthma by Circulation Time and Other Criteria. MILTON PLOTZ . . . . .	151
Suggested Revisions of Medical Pharmacology. PAUL D. LAMSON . . . .	161
Case Reports:	
Hiccup as a Complication of Acute Coronary Artery Occlusion. MORRIS M. WEISS . . . . .	187
Primary Jejunal Ulcer; Report of a Case with Rupture and Recovery. F. EUGENE ZEMP . . . . .	188
Minor Injuries of the Cervical Segment of the Spine and Their Consequences. ALFRED GORDON . . . . .	190
Editorial . . . . .	194

Reviews.....	196
College News Notes.....	198

## NUMBER 2, AUGUST, 1939

Nicotinic Acid in Nutrition. C. A. ELVEHJEM.....	225
Observations upon the Experimental and Clinical Use of Sulfapyridine. I. The Relation of Strain Resistance to the Chemotherapeutic Effects of Sulfapyridine in Experimental Pneumococcal Infections in Mice. PERRIN H. LONG and ELEANOR A. BLISS.....	232
Epidemic Syphilis, Its Recognition and Management by the Physician. E. GURNEY CLARK.....	238
Anaphylaxis and Allergy. CARL A. DRAGSTEDT.....	248
The Value and Significance of the Tuberculin Test. ARTHUR J. LOGIE..	255
The Relative Value of the Basal Metabolic Rate, Velocity of Blood Flow and Creatine Tolerance Test in the Differential Diagnosis of Graves' Disease and Allied Conditions. FREDERICK H. KING and ARTHUR R. SOHVAL.....	261
Electrocardiographic Findings Following Carotid Sinus Stimulation. W. KENDRICK PURKS.....	270
Subacute Bacterial Endocarditis Due to Streptococcus Viridans with Special Reference to Prognosis. JOSEPH A. CAPPS.....	280
The Rôle of the Upper Small Intestine in the Control of Gastric Secretion; The Effect of Neutral Fat, Fatty Acid, and Soaps; The Phase of Gas- tric Secretion Influenced and the Relative Importance of the Psychic and Chemical Phases. HARRY SHAY, J. GERSHON-COHEN and SAMUEL S. FELS.....	294
Observations on the Specific Treatment (Type A Antiserum) of Staphylo- coccal Septicemia. L. A. JULIANELLE.....	308
Benign and Malignant Gastric Ulcers: Their Relation and Clinical Differ- entiation. WALTER LINCOLN PALMER.....	317
The Postgraduate Portion of Medical Education. C. SIDNEY BURWELL	339
Case Reports:	
Transient Functional A-V Heart Block Induced by the Swallowing of Food; Case Report. CHARLES SHOOKHOFF and LOUIS BLUMEN- FELD.....	345
Renal Insufficiency with Tetany in an Adult; Report of a Case. E. PERRY MCCULLAGH and E. J. RYAN.....	351
Aplastic Anemia Treated with Daily Transfusions and Intravenous Marrow: Case Report. EDWIN E. OSGOOD, MATHEW C. RIDDLE and THOMAS J. MATHEWS.....	357
Editorial.....	368
Reviews.....	372
College News Notes.....	375

## NUMBER 3, SEPTEMBER, 1939

The Significance of Post-Prandial Glycosuria in the Treatment of Diabetes Mellitus with Protamine Zinc Insulin. I. M. RABINOWITCH. . . . .	385
A Family Outbreak of Type V Pneumococcic Infections: Clinical Bacteriological and Immunological Studies. JOHN W. BROWN and MAXWELL FINLAND. . . . .	394
Electrocardiographic Observations in Cardiac Surgery. HAROLD FEIL and PHILLIP L. ROSSMAN. . . . .	402
The Vitamin C Requirement in Rheumatoid Arthritis. MARSHALL G. HALL, ROBERT C. DARLING and F. H. L. TAYLOR. . . . .	415
Postoperative Progressive Exophthalmos with Low Basal Metabolic Rate. SOLOMON GINSBURG. . . . .	424
The Occurrence and Clinical Significance of Hemoconcentration. VIRGIL H. MOON. . . . .	451
Bacteriology of Endocarditis with Report of Two Unusual Cases. MOSES SAMUEL SHILING. . . . .	476
Observations upon the Experimental and Clinical Use of Sulfapyridine. II. The Treatment of Pneumococcal Pneumonia with Sulfapyridine. PERRIN H. LONG and W. BARRY WOOD, JR. . . . .	487
The Clinical Manifestations of the Various Types of Right Sided Heart Failure (Cor Pulmonale). I. C. BRILL. . . . .	513
Some Professional and Social Trends in American Medicine. IRVIN ABELL. . . . .	523
Case Reports:	
So-Called Cholangitis Lenta: Report of a Case Dying with Ulcerative Endocarditis. O. H. PERRY PEPPER. . . . .	530
Hereditary Hemorrhagic Telangiectasis Occurring in Six Generations. WILLIAM WATERS TEAHAN. . . . .	535
Treatment of Pneumococcic Meningitis (Type XV) with Para-Amino-Benzene-Sulfonamide (Report of a Case with Recovery). E. T. LISANSKY and R. H. PEMBROKE, JR. . . . .	544
Editorial. . . . .	552
Reviews. . . . .	556
College News Notes. . . . .	558

## NUMBER 4, OCTOBER, 1939

Culture of Human Marrow; Studies of the Effects of Roentgen-Rays. EDWIN E. OSGOOD and GEORGE J. BRACHER. . . . .	563
Sulfanilamide and Meningitis. S. W. SAPPINGTON and GRANT O. FAVORITE. . . . .	576
Five Years' Experience (1933-1937) with Mortality from Acute Coronary Occlusion in Philadelphia. O. F. HEDLEY. . . . .	598

Observations upon the Experimental and Clinical Use of Sulfapyridine. III. The Mechanism of Recovery from Pneumococcal Pneumonia in Patients Treated with Sulfapyridine. W. BARRY WOOD, JR., and PERRIN H. LONG.....	612
Observations on Toxicity and Clinical Value of Strophanthin. W. A. BRAMS, J. S. GOLDEN, A. SANDERS and L. KAPLAN.....	618
The Choice of Ovarian or Pituitary Therapy for Menstrual Disturbances. ELMER L. SEVRINGHAUS.....	629
A New Mathematical Method for the Evaluation of Endogenous Insulin Secretion. M. M. MILLER and O. P. ALLEN.....	636
Clinical Pictures Associated with Increased Blood Pressure: A Study of 100 Patients. I. R. WILLIAMS, JR., and T. R. HARRISON.....	650
V. Cutaneous Xanthomatosis. HAMILTON MONTGOMERY.....	671
The Mechanism of the Psychoneuroses. THEOPHIL KLINGMANN.....	677
The Plasma Lipoids in Arteriosclerosis Obliterans. NELSON W. BARKER	685
Mucosal Changes Accompanying Gastric Ulcer: A Gastroscopic Study. RUDOLF SCHINDLER and ROBERT I. BAXMEIER.....	693
Neoprontosil (Oral) in the Treatment of Chronic Ulcerative Colitis. ALEX E. BROWN, WALLACE E. HERRELL and J. ARNOLD BARGEN..	700
Case Reports:	
The Response of Acromegaly to Deep Roentgen-Ray Therapy: A Case Report. ALBERT WEINSTEIN.....	715
Brucella Endocarditis. WESLEY W. SPINK and ARTHUR A. NELSON	721
Beri-Beri; Severe Manifestations of Both the "Wet" and "Dry" Forms in the Same Patient; Recovery Following Treatment. BERNARD S. EPSTEIN and ALEXANDER GERBER.....	728
Editorials.....	738
Reviews.....	741
College News Notes.....	744

## NUMBER 5, NOVEMBER, 1939

Vitamins in Theory and Practice. HOWARD B. LEWIS.....	749
A Discussion of a Therapeutic Test and a Provocative Test in Gouty Ar- thritis. L. MAXWELL LOCKIE.....	755
A Statistical Study of Allergy in Arthritis. EUGENE F. TRAUT and EMIL G. VRTIAK.....	761
Active Immunization against Tetanus. HERMAN GOLD.....	768
The Effect of Roentgen-Ray on the Blood Codehydrogenases I and II. WILLIAM B. BEAN, RICHARD W. VILTER and TOM D. SPIES.....	783
The Use of Dilantin in the Treatment of Epilepsy. O. P. KIMBALL and T. N. HORAN.....	787
Some Studies in the Mechanism of Cardiac Hypertrophy. GEORGE HERRMANN and GEORGE M. DECHERD, JR.....	794
A Method of Testing Cardiac Function. DAN G. STINE.....	807

Roentgen Procedures Useful in Cardiac Diagnosis. FRED JENNER HODGES.....	826
Deep Injection of Novocaine for the Relief of Pleural Pain. SIDNEY SCHNUR.....	845
Initial Management of Tuberculosis with Special Reference to the Psychology of the Patient. LEWIS J. MOORMAN.....	849
The Limitations of Government in Medicine; The San Francisco Experience. J. C. GEIGER, A. E. LARSEN and J. P. GRAY.....	856
Case Reports:	
Congenital Hemolytic Jaundice; Report of a Case of Congenital Hemolytic Jaundice; Initial Hemolytic Crisis Occurring at the Age of 75; Splenectomy Followed by Recovery. HARRY MANDELBAUM.....	872
Histologically Non-Malignant Metastasizing Hemangioma, with Report of a Case. MAURICE JAMES ABRAMS.....	883
Infectious Mononucleosis Complicating Typhoid Fever. ALFRED S. SCHWARTZ and BERNARD LIDMAN.....	895
Editorial.....	899
Reviews.....	902
College News Notes.....	904

## NUMBER 6, DECEMBER, 1939

Epidemic Influenza: Studies in Clinical Epidemiology. THOMAS FRANCIS, JR.....	915
A Note on the Mechanism of Spontaneous Pneumothorax. LOUIS HAMMAN.....	923
Chancres Studied from the Public Health Point of View. CHARLES WALTER CLARKE.....	928
Clinical Studies in Acidosis and Alkalosis: Use and Abuse of Alkali in States of Bicarbonate Deficiency Due to Renal Acidosis and Sulfanilamide Alkalosis. ALEXIS F. HARTMANN.....	940
The Neurocirculatory Clinic; A Summary of Its Activities. I. Peripheral Vascular Disease. G. DE TAKATS, WM. C. BECK and EUNICE A. ROTH.....	957
The Influence of Vitamin Deficiencies on Other Diseases. JOHN B. YOUNG.....	980
Experimental and Clinical Observations Relating to the Management of Acute Bowel Obstructions. OWEN H. WANGENSTEEN.....	987
Histologic Structure of Carcinomas of the Stomach and Quality of Gastric Secretion. ALEXANDER BRUNSCHWIG and T. HOWARD CLARKE.....	1001
Treatment of Pneumococcic Pneumonia; A Comparative Study of 351 Patients Treated at the Philadelphia General Hospital. LEON SCHWARTZ, HARRISON F. FLIPPIN and WILLIAM G. TURNBULL.....	1005
Picrotoxin in the Treatment of Acute Barbiturate Poisoning; A Review of the Literature with Report of Two Cases. EDWARD C. REIFENSTEIN, JR., EDWARD C. REIFENSTEIN, SR., JUSTIN W. MIGNAULT and ANGELO J. RAFFAELE.....	1013

The Effect of Gastrectomy on the Monkey. R. A. BUSSABARGER, A. C. IVY, F. D. GUNN and H. S. WIGODSKY . . . . .	1028
The Use of Sulfanilamide in Pulmonary Tuberculosis; Preliminary Report. ELLIS B. FREILICH, GEORGE C. COE and NORMAN A. WIEN . .	1042
Generalized Capillary and Arteriolar Thrombosis; Report of Two Cases with a Discussion of the Literature. SAMUEL GITLOW and CARL GOLDMARK . . . . .	1046
Case Reports:	
Schüller-Christian's Disease; Report of a Case in One of Identical Twins. A. B. JONES . . . . .	1068
A Case of Hemochromatosis with Almost Complete Absence of Skin Pigment, and with Fatal Rupture of an Esophageal Varix. MAYNARD E. HOLMES . . . . .	1075
Complete Auriculoventricular Block Following Coronary Occlusion; A Case Report. BEN R. HENINGER and KARL L. DICKENS . . . .	1081
Editorial . . . . .	1089
Reviews . . . . .	1094
College News Notes . . . . .	1096

## NUMBER 7, JANUARY, 1940

Parenteral Sulfapyridine; The Intravenous Use of Sodium Sulfapyridine and a Report of Clinical and Laboratory Observations on the Use of a Glucose-Sulfapyridine Solution. MAXWELL FINLAND, FRANCIS C. LOWELL, WILLIAM C. SPRING, JR., and F. H. LASKEY TAYLOR . . . . .	1105
The Treatment of Lobar Pneumonia with Sulfapyridine and Sodium Sulfapyridine, with Observations upon Effective Blood Levels. THEODORE J. ABERNETHY, HARRY F. DOWLING and CLARENCE R. HARTMAN . . . . .	1121
Experiences in the Treatment of Lobar Pneumonia. LAWRENCE D. THOMPSON, JOSEPH C. EDWARDS and C. L. HOAGLAND . . . . .	1138
Studies in Peripheral Vascular Disease. I. Intravenous Calcium in Occlusive Vascular Disease. H. S. WEICHSEL . . . . .	1150
Independent vs. Interconnected Time Marking System Employed in Electrocardiographs. JOSEPH B. WOLFFE . . . . .	1160
Thrombosis of the Abdominal Aorta: A Report of Four Cases Showing the Variability of Symptoms. HAROLD C. LUETH . . . . .	1167
Studies in Dystrophia Myotonica. IV. Myotonia: Its Nature and Occurrence. ABE RAVIN and JAMES J. WARING . . . . .	1174
Cardiovascular Effects of Large Doses of Metrazol as Employed in the Treatment of Schizophrenia. E. MESSINGER and N. MOROS . . . .	1184
Actinomycosis: A New Species, Pathogenic for Man. GEORGE C. H. FRANKLIN . . . . .	1205
The Pathogenesis of Hemorrhage in Artificially Induced Fever. SLOAN J. WILSON and CHARLES A. DOAN . . . . .	1214
Parasitology: A Round Table Discussion. ERNEST CARROLL FAUST . . .	1230

## Case Reports:

Granulocytopenia from Sulfanilamide with Unusual Blood Crisis and Recovery; Case Report. J. SHIRLEY SWEENEY and L. E. ALLDAY .....	1241
Exfoliative Dermatitis Due to Phenobarbital with Fatal Outcome; Report of Two Cases. UDO J. WILE and JOSEPH A. BENSON ..	1243
Spontaneous Interstitial Emphysema of the Lungs; Report of an Additional Case. BERNARD P. WOLFF .....	1250
Editorial .....	1253
Reviews .....	1255
College News Notes .....	1257

## NUMBER 8, FEBRUARY, 1940

Chemical Changes in the Blood of Patients with Pyloric Obstruction. PAUL H. NOTH and DWIGHT L. WILBUR .....	1285
The Influence of Intravenous Glucose Injections on Abnormal Erythrocyte Sedimentation Speed in Relation to Activity of Infection. S. S. LICHTMAN .....	1297
Arsphenamine Poisoning with Report of Four Cases. GERALD C. PARKER and ORMAN C. PERKINS .....	1306
Arthritis—A Neglected Disease. R. GARFIELD SNYDER .....	1317
Oil Aspiration Pneumonia and Pneumolipoidosis. PHILIP G. C. BISHOP	1327
The Diagnosis of Polycythemia. WILLIAM DAMESHEK and HENRY H. HENSTELL .....	1360
Some Aspects of the Psychoneuroses. ANNETTE C. WASHBURNE .....	1388
Lupus Erythematosus Disseminatus. JOSEPH J. BUNIM .....	1399
The Respiration and the Circulatory System in Females with Ovarian Dysfunction. DAVID SCHERF .....	1414
Trichiniasis: Clinical Considerations. ROBERT E. KAUFMAN .....	1431
Diffuse Primary Tuberculous Enterocolitis: A Report of Two Cases. H. L. BOCKUS, H. TUMEN and K. KORNBLUM .....	1461
Chemical Specificity in Growth and Development. FREDERICK S. HAMMETT and STANLEY P. REIMANN .....	1483
Case Reports:	
Hyperactive Carotid Sinus Mechanism in Auricular Flutter; A Case Report. N. HIATT and L. ADAMS .....	1489
A Case of Acute Idiopathic Hematoporphyria with Acute Ascending Paralysis. HAROLD W. PALMER .....	1500
Editorial .....	1509
Reviews .....	1513
College News Notes .....	1516
Program of the Twenty-Fourth Annual Session .....	1534
Cleveland—Where We Meet .....	1554

## NUMBER 9, MARCH, 1940

Specific Treatment of the Pneumococcic Pneumonias; An Analysis of the Results of Serum Therapy and Chemotherapy of the Boston City Hospital from July 1938 through June 1939. MAXWELL FINLAND, WILLIAM C. SPRING, JR. and FRANCIS C. LOWELL.....	1567
Relations between Age and Weight and Dosage of Drugs. W. T. DAWSON.....	1594
Adenylic Acid in Human Nutrition. TOM D. SPIES, WILLIAM B. BEAN and RICHARD W. VILTER.....	1616
Variation of Blood Pressure with Skeletal Muscle Tension and Relaxation. II. The Heart Beat. EDMUND JACOBSON.....	1619
Limitations of Renal Function Determination. LEMUEL C. MCGEE and J. E. MARTIN, JR.....	1626
Clinical Studies in Renal Disease. III. Acidosis in Chronic Glomerulonephritis. EUGENE R. MARZULLO.....	1638
The Azorubin S Test of Liver Function; An Evaluation, with a Comparative Study of the Bromsulphalein and Hippuric Acid Tests. DAVID H. ROSENBERG and SAMUEL SOSKIN.....	1644
The Problem of "Rheumatism" and Arthritis: Review of American and English Literature for 1938 (Sixth Rheumatism Review). Part I. PHILIP S. HENCH, WALTER BAUER, M. HENRY DAWSON, FRANCIS HALL, W. PAUL HOLBROOK, J. ALBERT KEY and CURRIER MCEWEN	1655
Case Reports:	
Adrenal Hemorrhage with Purpura and Septicemia (Waterhouse Friderichsen Syndrome) with Recovery; Case Report. T. NELSON CAREY.....	1740
Suppurative Arthritis Due to a Hemolytic Streptococcus of the Lancefield Group B; A Case Report. LOWELL A. RANTZ.....	1744
Metastatic Carcinoma Simulating Hyperparathyroidism. ELMER C. BARTELS and CHARLES B. KIMMEL.....	1747
Editorial.....	1753
Reviews.....	1756
College News Notes.....	1760
Minutes of the Board of Regents.....	1764
Obituaries.....	1787

## NUMBER 10, APRIL, 1940

What Is An Internist? O. H. PERRY PEPPER.....	1791
Functional Aortic Insufficiency. CURTIS F. GARVIN.....	1799
Present Status of the Pulpless Tooth. LOUIS I. GROSSMAN.....	1805
A Correlation Study between Retinal Vascular Changes, Electrocardiographic Alterations and Radiological Heart Size in Essential Hypertension. HUGO ROESLER, GLEN G. GIBSON and RAYMOND HUSSEY	1814
Hypoglycemia Following Encephalitis. JONATHAN C. MEAKINS.....	1830

- The Problem of "Rheumatism" and Arthritis: Review of American and English Literature for 1938 (Sixth Rheumatism Review). Part II. PHILIP S. HENCH, WALTER BAUER, M. HENRY DAWSON, FRANCIS HALL, W. PAUL HOLBROOK, J. ALBERT KEY and CURRIER MCEWEN 1837

Case Reports:

- Dissecting Aneurysm of the Aorta with a Case Report. REUBEN FINKELSTEIN and MENDEL JACOBI..... 1991
- Traumatic Chylothorax: Case Report. JOSEPH GORDON..... 1998
- Editorials..... 2005
- Reviews..... 2007
- College News Notes..... 2009

NUMBER 11, MAY, 1940

- The Effect of Specific Agents Extracted from Soil Microorganisms upon Experimental Bacterial Infections. RENÉ J. DUBOS..... 2025
- The Comparative Effectiveness and Toxicity of Sulfathiazole and Sulfapyridine in Pneumococcal Pneumonia. HARRISON F. FLIPPIN, LEON SCHWARTZ and S. BRANDT ROSE..... 2038
- Studies in Mucous Membrane Hypersensitiveness. IV. The Allergic Reaction in the Passively Sensitized Mucous Membranes of the Ileum and Colon in Humans. IRVING GRAY, MAX HARTEN and MATTHEW WALZER..... 2050
- The Viscerospinal Syndrome—A New Concept of Visceromotor and Sensory Changes in Relation to Deranged Spinal Structures. NEVILLE T. USSHER..... 2057
- Calcareous Aortic Stenosis: Report of Nine Cases with Autopsy Findings. LESTER COHEN, IRVING GRAY, PHILIP I. NASH and HAROLD FINK.. 2091
- The Determination of Biliary Tract Infection with the Encapsulated Duodenal Tube. JOHN RUSSELL TWISS, R. FRANKLIN CARTER and RICHARD HOTZ..... 2104
- Hormonal Therapy for the Treatment of Hirsuties; A Preliminary Report. GEORGE B. DORFF..... 2112
- Pseudo-Megacolon. ALBERT OPPENHEIMER..... 2128
- The Popularity of the Ewald-Boas Test Meal: Reasons for Its Survival. DINO SANDRONI and ZACHARY SAGAL..... 2134
- Some Observations on the Persistence of the Bachman Skin Test and of Eosinophilia after Recovery from Trichinosis. MORTIMER WARREN, EUGENE H. DRAKE and RICHARD S. HAWKES..... 2141
- The Use of Histamine in Rheumatoid Arthritis. R. O. MUETHER..... 2147
- Subacute Bacterial Endocarditis in Older People. THEODORE BEVIER BAYLES and WILLIAM HALL LEWIS, JR..... 2154
- Case Reports:
- Case Report of Urinary Obstruction Due to Crystalline Concretions Following Sulfapyridine Therapy in Pneumonia. M. M. SCURRY and M. H. WITTENBORG..... 2164

Histoplasmosis: Report of a Case. ROBERT H. WILLIAMS and WILLIAM J. CROMARTIE .....	2166
Simmonds' Disease (Pituitary Cachexia): Report of a Case. JASON E. FARBER .....	2171
Editorial .....	2178
Reviews .....	2181
College News Notes .....	2184

## NUMBER 12, JUNE, 1940

Medical Problems Encountered in Military Service. CHARLES C. HILLMAN .....	2205
Developments in Aviation Medicine. HARRY G. ARMSTRONG .....	2212
High Atmospheric Pressures; Physiological Effects of Increased and Decreased Pressure; Application of These Findings to Clinical Medicine. A. R. BEHNKE .....	2217
Epidemiology in the Army. JAMES STEVENS SIMMONS .....	2229
Results of the Use of Extract of the Intestinal Mucosa in the Treatment of Vasomotor Rhinitis. LOUIS E. PRICKMAN, HAROLD I. LILLIE, GRACE M. ROTH and RALPH G. FLEMING .....	2235
Clinical Desensitization to Wheat by Use of an Acetylcholine Derivative. EMMET F. PEARSON .....	2241
The Clinical Application of the Determination of Circulation Times. SAMUEL BAER .....	2246
Cardiac Hypertrophy; Forty-Two Hearts Weighing 750 Grams or More. G. F. STRONG and D. S. MUNROE .....	2253
Felty's Syndrome: Its Several Features, Including Tissue Changes, Compared with Other Forms of Rheumatoid Arthritis. A. C. CURTIS and H. M. POLLARD .....	2265
Subclinical Pulmonary Tuberculosis; A Presentation of Forty Cases. R. H. STIEHM .....	2285
Hemolytic Reactions Following Transfusions of Blood of the Homologous Group, with Two Cases in Which the Same Agglutinin Was Responsible. ALEXANDER S. WIENER and H. RAYMOND PETERS ..	2306
The Cardiac Output in Congestive Heart Failure and in Organic Heart Disease. HAROLD J. STEWART, NORMAN F. CRANE, ROBERT F. WATSON, CHARLES H. WHEELER and JOHN E. DEITRICK .....	2323
Case Reports:	
Hemochromatosis: Report of a Case in Which Tuberculous Peritonitis Was a Complication. CARL G. MORLOCK .....	2341
Chronic Leukopenia with Fatal Termination Due to Agranulocytic Angina; Case Report. ISRAEL KOPP .....	2347
Editorial .....	2355
Reviews .....	2359
College News Notes .....	2361
Minutes .....	2378
Index .....	2386